Simon Weydert

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Objective

Seeking full-time positions in the cybersecurity and software engineering fields.

Education

Iowa State University	Expected Year of Graduation: 2026
Bachelor of Science in Cybersecurity Engineering	4.0 GPA

Work Experience

Principal Financial Group   May 2025 — August 2025
Cyber Security Intern (Data Protection Team)
- Articulated security risks and cost savings to stakeholders using Power BI insights with Snowflake SQL
- Implemented automated notifications for PII exposure and security risks with BigID tooling
- Validated database configurations (MSSQL, PostgreSQL, DB2, Oracle) against CIS benchmarks
- Streamlined access privilege renewal by enhancing visibility into overlapping user entitlements
- Strengthened inner-source projects by resolving bugs in high-level AWS constructs

Iowa State University   August 2024 — May 2025
Embedded Systems Teaching Assistant
- Taught two lab sections to guide students learning C programming
- Clarified computer science questions via feedback during my office hours
- Collaborated with fellow TAs to foster a friendly learning environment

Iowa State Student Services   February 2023 — December 2023
Calculus 2 Tutor
- Led and coordinated several tutoring groups that elevated students
- Illustrated a week's worth of complex topics within an hour, reinforcing fundamental concepts
- Managed the stress, energy, and attention of each tutee to ensure no one fell behind

Wandling Engineering   June 2021 — August 2021
Assistant
- Digitized legal and technical documents to increase navigability
- Communicated with professional engineers to ensure the quality of archived documents

Fareway Grocery   May 2017 — May 2020
Grocery Associate
- Assisted patrons by bagging and wheeling out items to improve the customer experience
- Supported my team through mopping, scrubbing, and stocking shelves

University Projects

- CDC: Defended a simulated network to place 2nd in the ISU cyber defense competition
- Speedy Stores: Created an embedded database benchmarking system using YCSB and custom DB drivers
- MIPS Processor: Designed and tested a MIPS single- and multi-cycle processor using VHDL
- Space Breakers: Developed a Java game with a team using Bezier curves to plot enemy movement paths
- Rescue Bot: Programmed a Roomba using a TM4C Microcontroller to model a remote-controlled fire truck

Skills and Certifications

Comptia A+ Certified	…	Obtained July 2024
Comptia Sec+ Certified	…	Obtained August 2024
Coding languages:	…	Python, Java, C, C++, JavaScript, React, AWS CDK, Verilog, VHDL
Operating systems:	…	Linux, Windows, FreeBSD
Software:	…	Jira, Git, Wireshark, PFSense, VMware, Proofpoint, ZScaler, Power BI, Snowflake, Guardium, BigID, Data360, IdentityNow